WHAT IS CLAIMED IS:

	1. An isolated nucleic acid molecule selected from the group consisting of:
	a) a nucleic acid molecule comprising a nucleotide sequence which is at least
5	45% identical to the nucleotide sequence of SEQ ID NO:1, SEQ ID NO:3, the cDNA
	insert of the plasmid deposited with ATCC as Accession Number, or a complement
	thereof;
	b) a nucleic acid molecule comprising a fragment of at least 15 nucleotides of
	the nucleotide sequence of SEQ ID NO:1, SEQ ID NO:3, the cDNA insert of the plasmid
0	deposited with ATCC as Accession Number, or a complement thereof;
	c) a nucleic acid molecule which encodes a polypeptide comprising the
	amino acid sequence of SEQ ID NO:2, SEQ ID NO:4, or an amino acid sequence
	encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number
15	d) a nucleic acid molecule which encodes a fragment of a polypeptide
	comprising the amino acid sequence of SEQ ID NO:2, SEQ ID NO:4, or an amino acid
	sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession
	Number, wherein the fragment comprises at least 15 contiguous amino acids of
	SEQ ID NO:2, SEQ ID NO:4, or the polypeptide encoded by the cDNA insert of the
20	plasmid deposited with ATCC as Accession Number; and
	e) a nucleic acid molecule which encodes a naturally occurring allelic variant
	of a polypeptide comprising the amino acid sequence of SEQ ID NO:2, SEQ ID NO:4,
	or an amino acid sequence encoded by the cDNA insert of the plasmid deposited with
	ATCC as Accession Number, wherein the nucleic acid molecule hybridizes to a
25	nucleic acid molecule comprising SEQ ID NO:1, SEQ ID NO:3, or a complement thereof
	under stringent conditions.
	2. The isolated nucleic acid molecule of claim 1, which is selected from the

group consisting of:

	a)	a nucleic acid comprising the nucleotide sequence of SEQ ID NO:1, SEQ	
	ID NO:3, the	cDNA insert of the plasmid deposited with ATCC as Accession Number	
		complement thereof; and	
	b)	a nucleic acid molecule which encodes a polypeptide comprising the	
5	amino acid se	equence of SEQ ID NO:2, SEQ ID NO:4, or an amino acid sequence	
	encoded by the	he cDNA insert of the plasmid deposited with ATCC as Accession Number	
	•		
	3.	The nucleic acid molecule of claim 1 further comprising vector nucleic	
10	acid sequenc	es.	
	4.	The nucleic acid molecule of claim 1 further comprising nucleic acid	
	sequences er	ncoding a heterologous polypeptide.	
15	5.	A host cell which contains the nucleic acid molecule of claim 1.	
		The host cell of claim 5 which is a mammalian host cell.	
	6.	The host cen of claim 5 which is a mainmanan host cen.	
	7.	A nonhuman mammalian host cell containing the nucleic acid molecule of	
20	claim 1.		
_ •			
	8.	An isolated polypeptide selected from the group consisting of:	
	(a)	a fragment of a polypeptide comprising the amino acid sequence of SEQ	
	ID NO:2, SI	EQ ID NO:4, or an amino acid sequence encoded by the cDNA insert of the	
25	plasmid deposited with ATCC as Accession Number, wherein the fragment		
	comprises a	t least 15 contiguous amino acids of SEQ ID NO:2, SEQ ID NO:4, or an	
	amino acid	sequence encoded by the cDNA insert of the plasmid deposited with ATCC	
	as Accessio	n Number;	
	b)	-	
30		ce of SEQ ID NO:2, SEQ ID NO:4, or an amino acid sequence encoded by	
	the cDNA is	nsert of the plasmid deposited with ATCC as Accession Number,	

and the second of the second o

10

15

25

30

wherein the polypeptide is encoded by a nucleic acid molecule which hybridizes to a nucleic acid molecule comprising SEQ ID NO:1, SEQ ID NO:3, or a complement thereof under stringent conditions; and

- c) a polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 45% identical to a nucleic acid comprising the nucleotide sequence of SEQ ID NO:1, SEQ ID NO:3, or a complement thereof.
- 9. The isolated polypeptide of claim 8 comprising the amino acid sequence of SEQ ID NO:2, SEQ ID NO:4, or an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number _____.
 - 10. The polypeptide of claim 8 further comprising heterologous amino acid sequences.
- 11. An antibody which selectively binds to a polypeptide of claim 8.
 - 12. A method for producing a polypeptide selected from the group consisting of:
- (a) a polypeptide comprising the amino acid sequence of SEQ ID NO:2, SEQ
 ID NO:4, or an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number ______.
 - b) a polypeptide comprising a fragment of the amino acid sequence of SEQ ID NO:2, SEQ ID NO:4, or an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number _____, wherein the fragment comprises at least 15 contiguous amino acids of SEQ ID NO:2, SEQ ID NO:4, or an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number _____; and
 - c) a naturally occurring allelic variant of a polypeptide comprising the amino acid sequence of SEQ ID NO:2, SEQ ID NO:4, or an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number ______, wherein the polypeptide is encoded by a nucleic acid molecule which hybridizes to a

nucleic acid molecule comprising SEQ ID NO:1, SEQ ID NO:3, or a complement thereof under stringent conditions; comprising culturing the host cell of claim 5 under conditions in which the nucleic acid molecule is expressed.

- The method of claim 12 wherein said polypeptide comprises the amino acid sequence of SEQ ID NO:2, SEQ ID NO:4, or an amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Accession Number _____.
- 14. A method for detecting the presence of a polypeptide of claim 8 in a sample, comprising:
 - a) contacting the sample with a compound which selectively binds to a polypeptide of claim 8; and
 - b) determining whether the compound binds to the polypeptide in the sample.
- 15. The method of claim 14, wherein the compound which binds to the polypeptide is an antibody.
 - 16. A kit comprising a compound which selectively binds to a polypeptide of claim 8 and instructions for use.
 - 17. A method for detecting the presence of a nucleic acid molecule of claim 1 in a sample, comprising the steps of:
 - a) contacting the sample with a nucleic acid probe or primer which selectively hybridizes to the nucleic acid molecule; and
- b) determining whether the nucleic acid probe or primer binds to a nucleic acid molecule in the sample.
 - 18. The method of claim 17, wherein the sample comprises mRNA molecules and is contacted with a nucleic acid probe.

30

20

25

- 19. A kit comprising a compound which selectively hybridizes to a nucleic acid molecule of claim 1 and instructions for use.
- 20. A method for identifying a compound which binds to a polypeptide of claim 8 comprising the steps of:
 - a) contacting a polypeptide, or a cell expressing a polypeptide of claim 8 with a test compound; and
 - b) determining whether the polypeptide binds to the test compound.
- 10 21. The method of claim 20, wherein the binding of the test compound to the polypeptide is detected by a method selected from the group consisting of:
 - a) detection of binding by direct detecting of test compound/polypeptide binding;
 - b) detection of binding using a competition binding assay;
- c) detection of binding using an assay for IL-9/IL-2 receptor-like-mediated signal transduction.
- 22. A method for modulating the activity of a polypeptide of claim 8
 comprising contacting a polypeptide or a cell expressing a polypeptide of claim 8 with a
 compound which binds to the polypeptide in a sufficient concentration to modulate the activity of the polypeptide.
 - 23. A method for identifying a compound which modulates the activity of a polypeptide of claim 8, comprising:
 - a) contacting a polypeptide of claim 8 with a test compound; and
 - b) determining the effect of the test compound on the activity of the polypeptide to thereby identify a compound which modulates the activity of the polypeptide.